

## High Current Connectors - UHV 25-KH/AS - 2130101

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Universal terminal block with hybrid connection, cross section: 6 - 25 mm<sup>2</sup>, AWG: 10 - 4, width: 26 mm, color: Gray

The illustration shows a combination of versions UHV 25-AS/AS, UHV 25-KH/AS and UHV 25-KH/KH

### Why buy this product

- ✓ The UHV ... high-current connectors are available in several versions
- ✓ Versions are available with a cable lug or direct connection and there is a mixed version of both connection methods
- ✓ The comprehensive range of accessories, such as the connection rail for cross connection, ensures safe and user-friendly wiring of conductors up to 240 mm<sup>2</sup>

### Key commercial data

Packing unit	10 pc
GTIN	 4 017918 052881
Weight per Piece (excluding packing)	109.78 g
Custom tariff number	85369010
Country of origin	India

### Technical data

#### General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA-F
Inflammability class according to UL 94	V2
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	II

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## Technical data

### General

Connection in acc. with standard	IEC 60947-7-1
Current	101 A
Additional text	with 25 mm <sup>2</sup> conductor cross section
Nominal current I <sub>N</sub>	101 A
Nominal voltage U <sub>N</sub>	1000 V
Open side panel	nein

### Dimensions

Length	95 mm
Width	26 mm
Height NS 35/15	72 mm

### Connection data

Conductor cross section solid min.	6 mm <sup>2</sup>
Conductor cross section solid max.	25 mm <sup>2</sup>
Conductor cross section stranded min.	10 mm <sup>2</sup>
Conductor cross section stranded max.	25 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	10
Conductor cross section AWG/kcmil max	3
Conductor cross section stranded, with ferrule without plastic sleeve min.	4 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	4 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	25 mm <sup>2</sup>
2 conductors with same cross section, solid min.	2.5 mm <sup>2</sup>
2 conductors with same cross section, solid max.	10 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	10 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	10 mm <sup>2</sup>
Stripping length	21 mm
Screw thread	M5
Tightening torque, min	4 Nm
Tightening torque max	4.5 Nm
Connection method	Bolt connection
Connection in acc. with standard	DIN 46,235
Min. cross section	16 mm <sup>2</sup>
Max. cross section	25 mm <sup>2</sup>
Hole diameter	8.4 mm
Bolt diameter	8 mm

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#### Connection data

Bolt thread	M8
Tightening torque, min	15 Nm
Tightening torque max	20 Nm
Connection in acc. with standard	DIN 46 234
Min. cross section	2.5 mm <sup>2</sup>
Max. cross section	25 mm <sup>2</sup>
Hole diameter	8.4 mm
Bolt diameter	8 mm
Bolt thread	M8
Tightening torque, min	15 Nm
Tightening torque max	20 Nm
Power rail	15 mm x 3 mm

### Classifications

#### eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120

#### ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897

#### UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

### Approvals

#### Approvals

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## High Current Connectors - UHV 25-KH/AS - 2130101

### Approvals


Approvals


CSA / UL Recognized / GL / PRS / EAC

Ex Approvals

Approvals submitted

### Approval details

CSA 		
	B	C
mm <sup>2</sup> /AWG/kcmil	6-4	6-4
Nominal current I <sub>N</sub>	100 A	100 A
Nominal voltage U <sub>N</sub>	600 V	600 V

UL Recognized 	
mm <sup>2</sup> /AWG/kcmil	6-4
Nominal current I <sub>N</sub>	85 A
Nominal voltage U <sub>N</sub>	600 V

GL
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PRS
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EAC
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### Accessories

Accessories

Bridge